

OCMER

MACHINES FOR WET & DRY SPRAYED CONCRETE APPLICATIONS.

OCMER produces a complete range of rotor machines for wet & dry sprayed concrete applications. The same machines are normally adapted also for the pneumatic conveyance of pea-gravel, typically to fill the space between excavation and concrete form-works when tunnelling with TBM. The range of Ocmer rotor machines is composed of four models (the smaller available also in economic version) for each one are available different rotors and hoses' sizes, allowing to cover all best at the effective outputs included between 0,3 and 18 cubic metres/h.

The OCMER machines are endowed with exclusive devices such as: hydraulic clamping system of the rubber gaskets on the rotor, lubricated sealing gaskets, carrying frame, conveying also the compressed air stream, sequence of commands regulated from P.L.C., self diagnostic device, the patented system to prevent the formation of blockages along the delivery line, high pressure water pump, remote control unit, synchronized closing unit for liquid quick setting chemical admixtures (COSSA version).



OCM-015 SIMPLEX.

It is the only model that accept a four points manual clamping system of the rubber gaskets on the rotor. The OCM-015 SIMPLEX represent the economic version of the smaller models of rotor machines, suitable to convey dry mixes with effective output range from 0,3 till 3,5 cubic metres/h. Normally used for earth consolidation projects, small size tunnels, mining and caverns, restoration projects, swimming pool constructions etc.



OCM-030 COMPATTA.

It is the luxury version of the OCM-015 SIMPLEX. The pumping group, the outputs and the field of applications are the same of the model OCM-015 SIMPLEX. The use of the advanced OCM-030 COMPATTA is advisable when a big volume and/or big distances have to be achieved.



OCM-048 UNICA.

Rotor machine able to process both wet & dry mixes with effective output range from 1,5 to 6 cubic metres/h. The great machine's flexibility both in terms of workable mixes and output range allows a very wide field of application.



OCM-048 MEDIA.

It gets the same characteristics of the model OCM-048 UNICA but bigger dimensions. It is therefore suitable to spray wet & dry concrete mixes and to convey pea-gravel with effective outputs up to 9-10 cubic metres/h. It is used for tunnelling, slopes consolidation, channels restoration and, generally, whenever it is necessary to apply medium/large volume of sprayed concrete linings.



OCM-060 UNIVERSALE.

Machine for wet & dry sprayed concrete applications and pea-gravel conveyance, with effective outputs up to 16-18 cubic metres/h. Besides all the devices mounted on the other models such machine got two further special hydraulic pistons that provide respectively to the feeding hopper's overturns and to the rotor's lifting. In such a way a single man can check and eventually replace rubber gaskets and rotor plates in a very fast way, without efforts and safety.



DOSEING UNIT FOR LIQUID QUICK SETTING CHEMICAL ADMIXTURES.

OCMER has developed a complete range of dosing units for liquid quick setting chemical admixtures, typically quick setting accelerators. A peristaltic dosing pump driven from a motor-inverter allows to regulate at will the required output and to maintain it constant. A digital display on the electric control panel indicates the setted value. The range is composed of three models able to cover all the outputs between 40 and 1.700 litres/h, and precisely:
 ODP-012 LIQUIDO from 40 to 240 litres/h.
 ODP-018 LIQUIDO from 65 to 700 litres/h.
 ODP-025 LIQUIDO from 200 to 1.700 litres/h.



SPRAYING ARMS.

The spraying arms of the RAPICO series produced from OCMEB are destined to the moving at a distance of the spraying pistol when executing sprayed concrete application using both the dry or wet system. Their use allows to better in large extent the working conditions at the job sites together with a sensible increase in the productivity. The range is composed of three models: the OSM-8000 RAPICO destined to slopes consolidation, channels restoration and small/medium size tunnels. The bigger model, named OSM-9600 RAPICO, besides the just mentioned applications, is particularly suitable for tunnelling applications, where its 1.500 mm axial movement at the head allows an intuitive and simple oversteering. Finally, the OSM-4000 RAPICO has been specifically developed to operate in tunnels and caverns of small sections and is specially destined to the mining industry. All the arms can be supplied as free standing units or mounted on a hydraulically stabilized track carrier.

OCMER



MACHINES AND EQUIPMENT FOR SPRAYED CONCRETE AND REFRACTORY MASSES APPLICATIONS

OCMER



COMPLETE SYSTEMS.

All the equipment for sprayed concrete application produced from OCMER can be freely mounted on a carrier in several combinations, allowing to realize complete concrete spraying systems both for wet & dry spraying concrete applications, able to cover a wide range of applications.



MACHINES AND PLANTS FOR THE REFRACTORY INDUSTRY.

Besides the cold machines type OCM-015 (SERIES) and OCM-000 (CONWATA) that are widely in use for the hot repair and the cold maintenance of furnaces and chimneys, OCMER produces complete plants and robot for the furnaces' maintenance into the steel plants.

The plants type OFR-000 and OFR-002 are both equipped with wet/dry pumping group, and endowed with the automations that allows to a single operator to use them.

Over the years OCMER has also realized special equipment to meet the specific requirements of its Customers, such as: rotating turning channel operated at a distance, gas-hydrating and sowing systems, robotized system for the furnaces' maintenance.



OCMER CO. srl - Via 1° Maggio n° 33 - 20014 Nerviano (MI, Italy) - Tel. +39 (0)01 415201 - Fax +39 (0)01 415266 - www.ocmer.it - info@ocmer.it

Surface INTERNATIONAL

46, Digvijay Nagar, Kheme kuan

Pal Road, JODHPUR - 342008 (Raj.) INDIA

Phone : 0291-2787749 Mobile : 9313329743

Fax : 0291-2787753 Email : surface,int@hotmail.com